

Erjia Yan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

2,049
citations

25
h-index

44
g-index

79
ext. papers

2,560
ext. citations

2.8
avg, IF

5.65
L-index

#	Paper	IF	Citations
75	Librarianship as Citizenship—The Promise of Community-Based Learning in North American Library and Information Science Education. <i>Journal of Education for Library and Information Science</i> , 2022 , 63, 153-169	0.9	1
74	Gender imbalance in the productivity of funded projects: A study of the outputs of National Institutes of Health R01 grants. <i>Journal of the Association for Information Science and Technology</i> , 2021 , 72, 1386	2.7	0
73	Citation cascade and the evolution of topic relevance. <i>Journal of the Association for Information Science and Technology</i> , 2021 , 72, 110-127	2.7	6
72	Analyzing China's research collaboration with the United States in high-impact and high-technology research. <i>Quantitative Science Studies</i> , 2021 , 2, 363-375	3.8	1
71	Where Do We Stand? Diversity, Equity, Inclusion, and Social Justice in North American Library and Information Science Education. <i>Journal of Education for Library and Information Science</i> , 2021 , 62, 258-286	2.9	5
70	The relationship between journal citation impact and citation sentiment: A study of 32 million citations in PubMed Central. <i>Quantitative Science Studies</i> , 2020 , 1-11	3.8	3
69	Examining drug and side effect relation using author-entity pair bipartite networks. <i>Journal of Informetrics</i> , 2020 , 14, 100999	3.1	1
68	Nine million book items and eleven million citations: a study of book-based scholarly communication using OpenCitations. <i>Scientometrics</i> , 2020 , 122, 1097-1112	3	3
67	Analyzing academic mobility of U.S. professors based on ORCID data and the Carnegie Classification. <i>Quantitative Science Studies</i> , 2020 , 1, 1451-1467	3.8	2
66	Authors' status and the perceived quality of their work: Measuring citation sentiment change in nobel articles. <i>Journal of the Association for Information Science and Technology</i> , 2020 , 71, 314-324	2.7	8
65	Are NIH-funded publications fulfilling the proposed research? An examination of concept-matchedness between NIH research grants and their supported publications. <i>Journal of Informetrics</i> , 2019 , 13, 226-237	3.1	7
64	Challenges of measuring software impact through citations: An examination of the lme4 R package. <i>Journal of Informetrics</i> , 2019 , 13, 449-461	3.1	10
63	How important is software to library and information science research? A content analysis of full-text publications. <i>Journal of Informetrics</i> , 2019 , 13, 397-406	3.1	9
62	Examining the usage, citation, and diffusion patterns of bibliometric mapping software: A comparative study of three tools. <i>Journal of Informetrics</i> , 2018 , 12, 481-493	3.1	70
61	Which domains do open-access journals do best in? A 5-year longitudinal study. <i>Journal of the Association for Information Science and Technology</i> , 2018 , 69, 844-856	2.7	6
60	Tracking word semantic change in biomedical literature. <i>International Journal of Medical Informatics</i> , 2018 , 109, 76-86	5.3	7
59	Web of Science use in published research and review papers 1997-2017: a selective, dynamic, cross-domain, content-based analysis. <i>Scientometrics</i> , 2018 , 115, 1-20	3	164

58	Data set mentions and citations: A content analysis of full-text publications. <i>Journal of the Association for Information Science and Technology</i> , 2018 , 69, 32-46	2.7	13
57	Joint modeling of the association between NIH funding and its three primary outcomes: patents, publications, and citation impact. <i>Scientometrics</i> , 2018 , 117, 591-602	3	5
56	Co-mention network of R packages: Scientific impact and clustering structure. <i>Journal of Informetrics</i> , 2018 , 12, 87-100	3.1	18
55	The funding factor: a cross-disciplinary examination of the association between research funding and citation impact. <i>Scientometrics</i> , 2018 , 115, 369-384	3	28
54	Evaluating interactive bibliographic information retrieval systems: A user-centered approach. <i>Proceedings of the Association for Information Science and Technology</i> , 2018 , 55, 628-637	0.4	
53	Will open access increase journal CiteScores? An empirical investigation over multiple disciplines. <i>PLoS ONE</i> , 2018 , 13, e0201885	3.7	52
52	The use of a graph-based system to improve bibliographic information retrieval: System design, implementation, and evaluation. <i>Journal of the Association for Information Science and Technology</i> , 2017 , 68, 480-490	2.7	10
51	Examining academic ranking and inequality in library and information science through faculty hiring networks. <i>Journal of Informetrics</i> , 2017 , 11, 641-654	3.1	7
50	Disciplinary knowledge diffusion in business research. <i>Journal of Informetrics</i> , 2017 , 11, 655-668	3.1	10
49	Adding the dimension of knowledge trading to source impact assessment: Approaches, indicators, and implications. <i>Journal of the Association for Information Science and Technology</i> , 2017 , 68, 1090-1104	2.7	4
48	How is R cited in research outputs? Structure, impacts, and citation standard. <i>Journal of Informetrics</i> , 2017 , 11, 989-1002	3.1	23
47	Semantic relatedness and similarity of biomedical terms: examining the effects of recency, size, and section of biomedical publications on the performance of word2vec. <i>BMC Medical Informatics and Decision Making</i> , 2017 , 17, 95	3.6	31
46	A natural language interface to a graph-based bibliographic information retrieval system. <i>Data and Knowledge Engineering</i> , 2017 , 111, 73-89	1.5	8
45	Understanding disciplinary vocabularies using a full-text enabled domain-independent term extraction approach. <i>PLoS ONE</i> , 2017 , 12, e0187762	3.7	5
44	Disciplinary differences of software use and impact in scientific literature. <i>Scientometrics</i> , 2016 , 109, 1593-1610	3	14
43	Uncovering inter-specialty knowledge communication using author citation networks. <i>Scientometrics</i> , 2016 , 109, 839-854	3	3
42	Science communication and dissemination in different cultures: An analysis of the audience for TED videos in China and abroad. <i>Journal of the Association for Information Science and Technology</i> , 2016 , 67, 1473-1486	2.7	11
41	Understanding the evolving academic landscape of library and information science through faculty hiring data. <i>Scientometrics</i> , 2016 , 108, 1461-1478	3	10

40	Identifying Liver Cancer and Its Relations with Diseases, Drugs, and Genes: A Literature-Based Approach. <i>PLoS ONE</i> , 2016 , 11, e0156091	3.7	12
39	Disciplinary knowledge production and diffusion in science. <i>Journal of the Association for Information Science and Technology</i> , 2016 , 67, 2223-2245	2.7	24
38	Using path-based approaches to examine the dynamic structure of discipline-level citation networks: 1997-2011. <i>Journal of the Association for Information Science and Technology</i> , 2016 , 67, 1943-1955	3.7	4
37	Searching bibliographic data using graphs: A visual graph query interface. <i>Journal of Informetrics</i> , 2016 , 10, 1092-1107	3.1	4
36	Dynamic subfield analysis of disciplines: an examination of the trading impact and knowledge diffusion patterns of computer science. <i>Scientometrics</i> , 2015 , 104, 335-359	3	13
35	Identifying entities from scientific publications: A comparison of vocabulary- and model-based methods. <i>Journal of Informetrics</i> , 2015 , 9, 455-465	3.1	10
34	Assessing the impact of software on science: A bootstrapped learning of software entities in full-text papers. <i>Journal of Informetrics</i> , 2015 , 9, 860-871	3.1	26
33	Topological analysis of interdisciplinary scientific journals 2015 ,		1
32	A lead-lag analysis of the topic evolution patterns for preprints and publications. <i>Journal of the Association for Information Science and Technology</i> , 2015 , 66, 2643-2656	2.7	14
31	Research dynamics, impact, and dissemination: A topic-level analysis. <i>Journal of the Association for Information Science and Technology</i> , 2015 , 66, 2357-2372	2.7	31
30	Predicting and recommending collaborations: An author-, institution-, and country-level analysis. <i>Journal of Informetrics</i> , 2014 , 8, 295-309	3.1	37
29	Topic-based Pagerank: toward a topic-level scientific evaluation. <i>Scientometrics</i> , 2014 , 100, 407-437	3	20
28	Research dynamics: Measuring the continuity and popularity of research topics. <i>Journal of Informetrics</i> , 2014 , 8, 98-110	3.1	31
27	PageRank-Related Methods for Analyzing Citation Networks 2014 , 83-100		7
26	Finding knowledge paths among scientific disciplines. <i>Journal of the Association for Information Science and Technology</i> , 2014 , 65, 2331-2347	2.7	25
25	A bird's-eye view of scientific trading: Dependency relations among fields of science. <i>Journal of Informetrics</i> , 2013 , 7, 249-264	3.1	39
24	Entitymetrics: measuring the impact of entities. <i>PLoS ONE</i> , 2013 , 8, e71416	3.7	50
23	Mining patterns of author orders in scientific publications. <i>Journal of Informetrics</i> , 2012 , 6, 359-367	3.1	29

22	Overlaying communities and topics: an analysis on publication networks. <i>Scientometrics</i> , 2012 , 90, 499-513		26
21	Monitoring knowledge flow through scholarly networks. <i>Proceedings of the American Society for Information Science and Technology</i> , 2012 , 49, 1-5		3
20	Topics in dynamic research communities: An exploratory study for the field of information retrieval. <i>Journal of Informetrics</i> , 2012 , 6, 140-153	3.1	48
19	Scholarly network similarities: How bibliographic coupling networks, citation networks, cocitation networks, topical networks, coauthorship networks, and cword networks relate to each other. <i>Journal of the Association for Information Science and Technology</i> , 2012 , 63, 1313-1326		128
18	Discovering author impact: A PageRank perspective. <i>Information Processing and Management</i> , 2011 , 47, 125-134	6.3	86
17	A recursive field-normalized bibliometric performance indicator: an application to the field of library and information science. <i>Scientometrics</i> , 2011 , 89, 301-314	3	44
16	Library and information science (LIS) as we see it: An overview at the state and country level from 1965-2010. <i>Proceedings of the American Society for Information Science and Technology</i> , 2011 , 48, 1-8		
15	Institutional interactions: Exploring social, cognitive, and geographic relationships between institutions as demonstrated through citation networks. <i>Journal of the Association for Information Science and Technology</i> , 2011 , 62, 1498-1514		43
14	Modeling topic and community structure in social tagging: The TTR-LDA-Community model. <i>Journal of the Association for Information Science and Technology</i> , 2011 , 62, 1849-1866		7
13	The cognitive structure of Library and Information Science: Analysis of article title words. <i>Journal of the Association for Information Science and Technology</i> , 2011 , 62, 1933-1953		117
12	Dynamic Features of Social Tagging Vocabulary: Delicious, Flickr and YouTube 2010 ,		1
11	Community-based topic modeling for social tagging 2010 ,		34
10	Mapping library and information science in China: a coauthorship network analysis. <i>Scientometrics</i> , 2010 , 83, 115-131	3	63
9	Weighted citation: An indicator of an article's prestige. <i>Journal of the Association for Information Science and Technology</i> , 2010 , 61, n/a-n/a		15
8	P-Rank: An indicator measuring prestige in heterogeneous scholarly networks. <i>Journal of the Association for Information Science and Technology</i> , 2010 , 62, n/a-n/a		9
7	Measuring scholarly impact in heterogeneous networks. <i>Proceedings of the American Society for Information Science and Technology</i> , 2010 , 47, 1-7		6
6	Applying centrality measures to impact analysis: A coauthorship network analysis. <i>Journal of the Association for Information Science and Technology</i> , 2009 , 60, 2107-2118		215
5	PageRank for ranking authors in co-citation networks. <i>Journal of the Association for Information Science and Technology</i> , 2009 , 60, 2229-2243		224

- 4 Perspectives on social tagging. *Journal of the Association for Information Science and Technology*, **2009**, 60, 2388-2401 35
- 3 Upper tag ontology for integrating social tagging data. *Journal of the Association for Information Science and Technology*, **2009**, 61, n/a-n/a 3
- 2 Hyperlink analysis for government websites of Chinese provincial capitals. *Scientometrics*, **2008**, 76, 315-326 6
- 1 Social Networks and Semantics. *Advances in Human and Social Aspects of Technology Book Series*, 155-196. 2